

## SAN JOSE TO MERCED

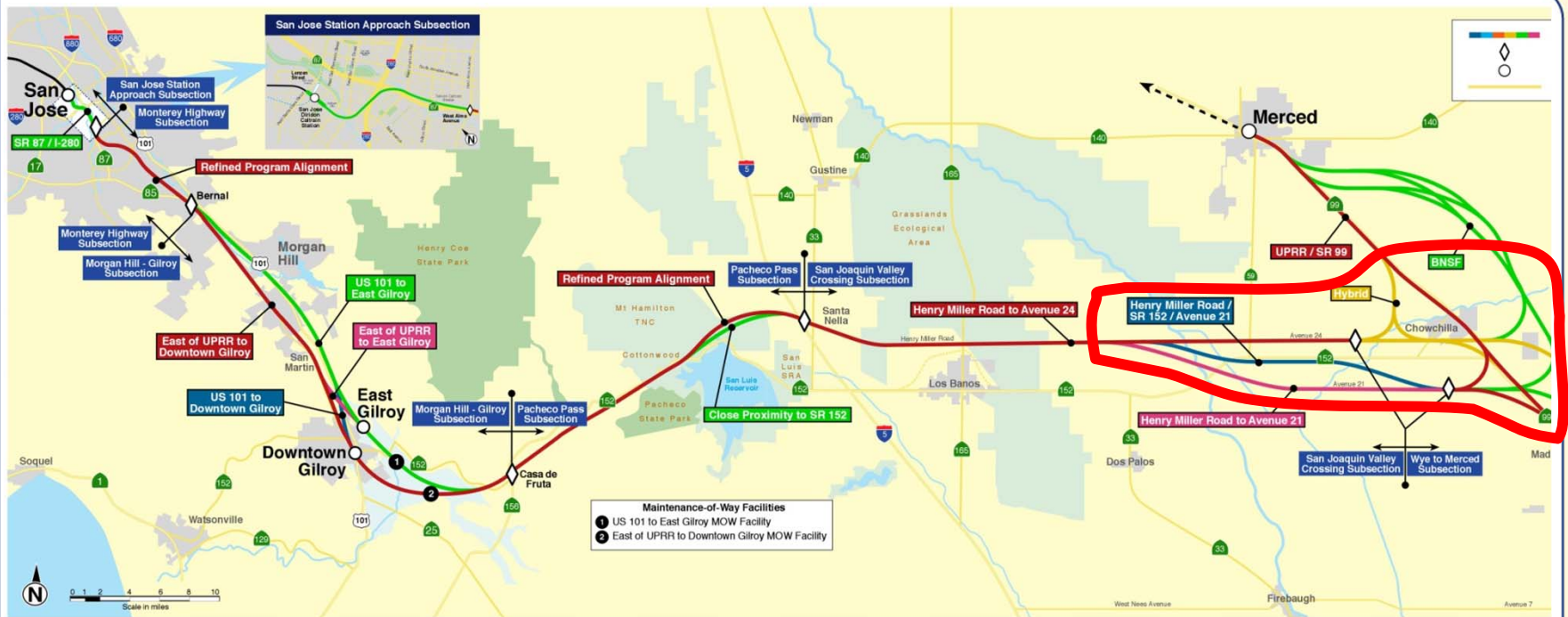


# California High-Speed Rail Authority Supplemental Alternatives Analysis

## *San Jose to Merced*

July 14, 2011

## May 2011 Supplemental Alternatives Analysis Included in San Joaquin Valley Subsection



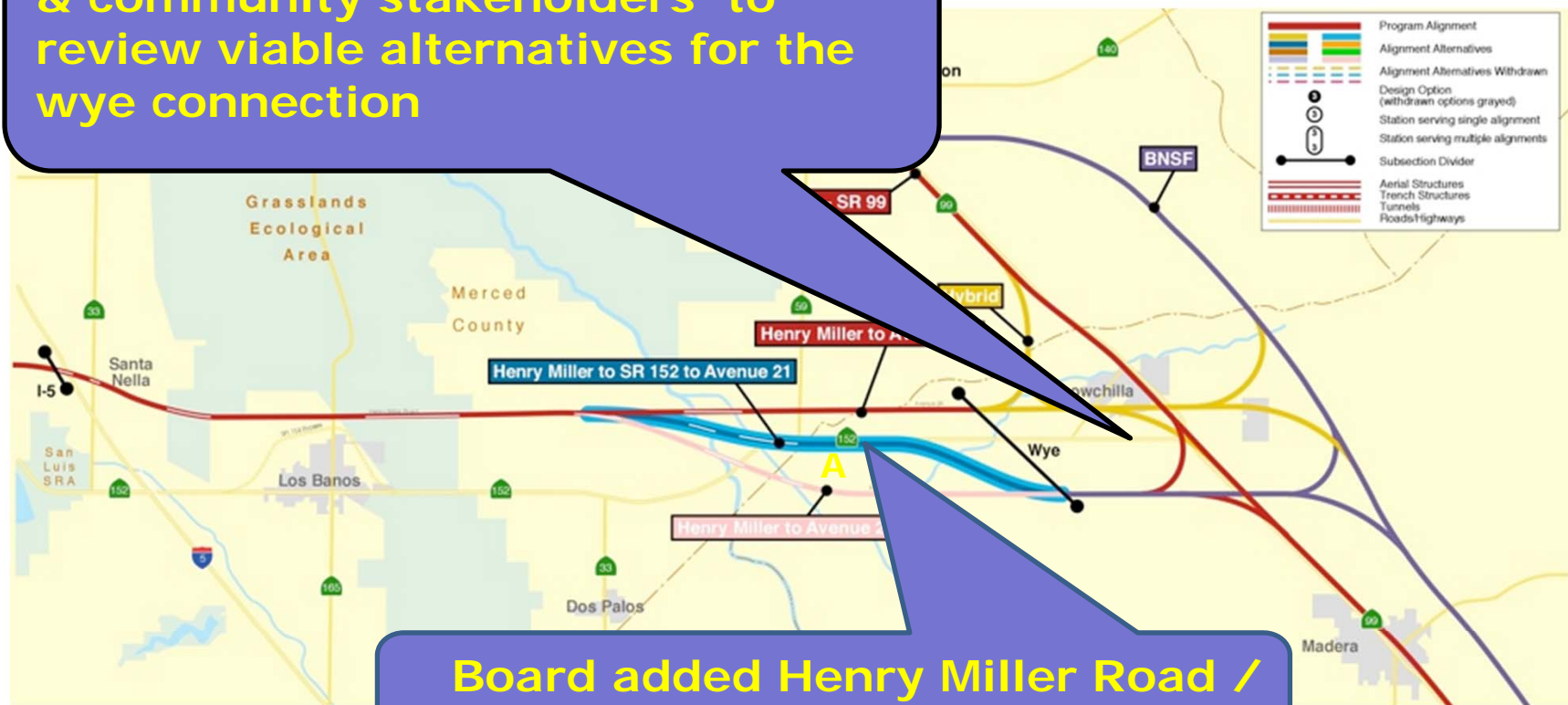
May Supplemental Alternatives Analysis posted  
at [www.cahighspeedrail.ca.gov](http://www.cahighspeedrail.ca.gov)

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## San Joaquin Valley Subsection

Prior Supplemental Alternatives Analysis – May 5, 2011

**Continue to work with agricultural & community stakeholders to review viable alternatives for the wye connection**



**Board added Henry Miller Road / SR 152/Ave 21 on May 5, 2011**

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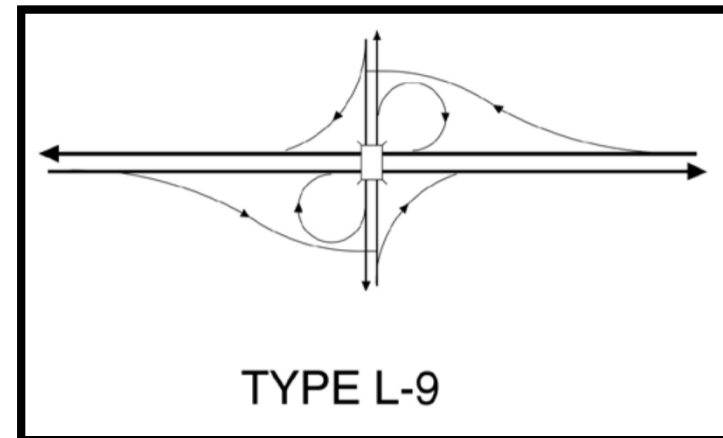
## Stakeholder Input

- US Environmental Protection Agency (USEPA) & US Army Corps of Engineers (USACE) requested that Authority continue to evaluate a High-Speed Train (HST) alignment parallel to State Route (SR) 152 across the San Joaquin Valley
- Community groups in Madera County including farming interests organized under name of "Preserve our Heritage" (POH):
  - Submitted letters & comments regarding impacts of HST alignments on agricultural land & agricultural business
  - Encouraged more use of existing transportation corridors
  - Proposed an HST alignment along SR 152

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## Existing Planning for SR 152

- Met with Caltrans District 6 staff regarding configuration of HST along SR 152
- Existing Freeway Agreement
  - Signed by Madera County and Caltrans
  - Six locations for future interchanges
  - Intermediate roads closed or separated
- Preferred local interchange configuration for planning is Type L-9, partial cloverleaf →



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## SR 152 HST Alignment

- HST alignment must consider
  - HST engineering criteria
  - Possible future configurations of SR 152
  - Currently approved SR 152 Freeway Agreement
- HST alignment offset ~400 feet from freeway right-of-way to accommodate future improvements to SR 152

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## SR 152 Freeway Agreement

- If HST alignment immediately adjacent to SR 152, highway would need to be realigned to the north at every interchange to accommodate interchange ramps
- Example -- SR 99 at E. Mission Ave.

BEFORE (ADJACENT TO UPRR)

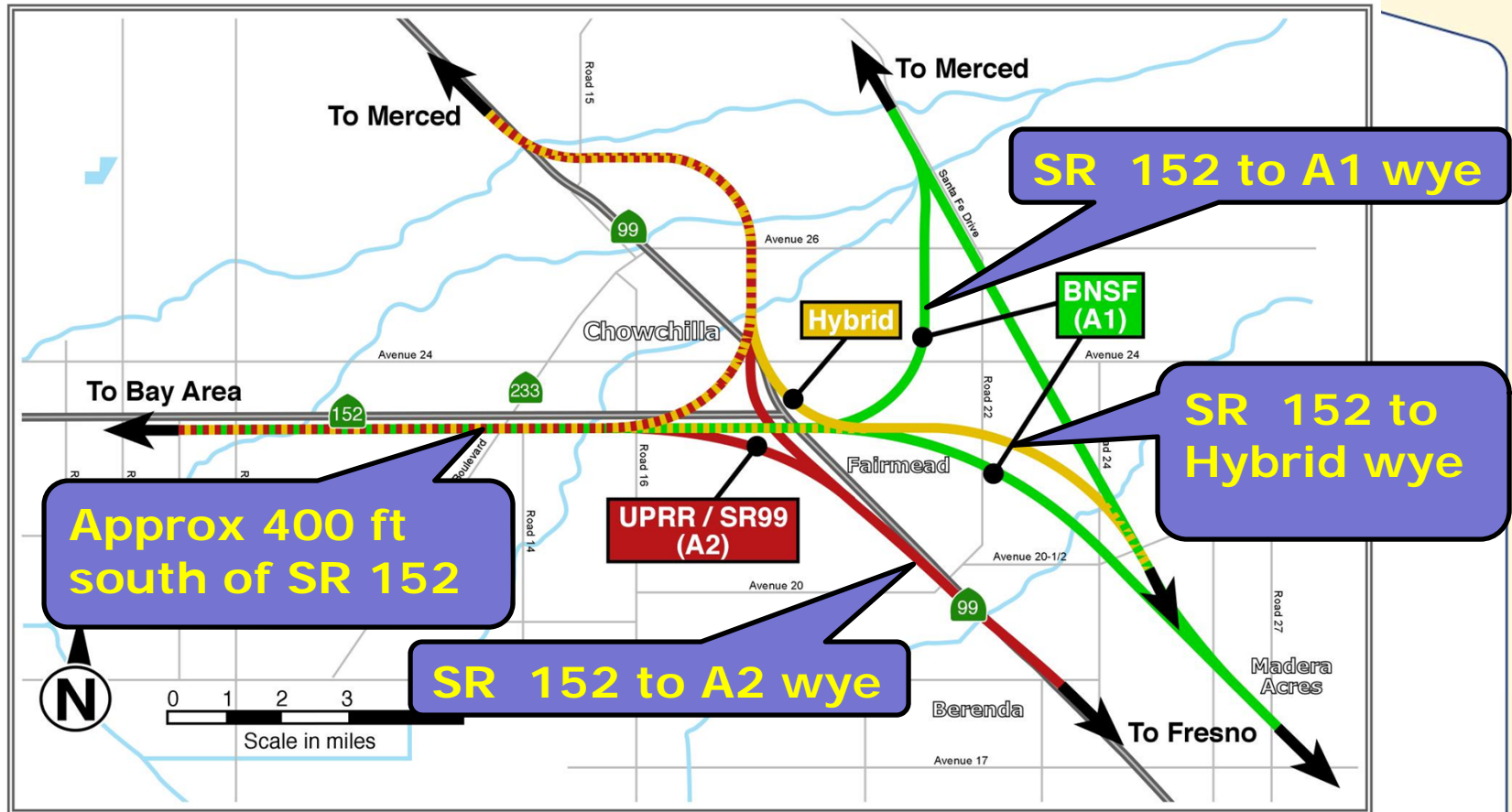


WITH NEW INTERCHANGE



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## SR 152 Wyes Evaluated



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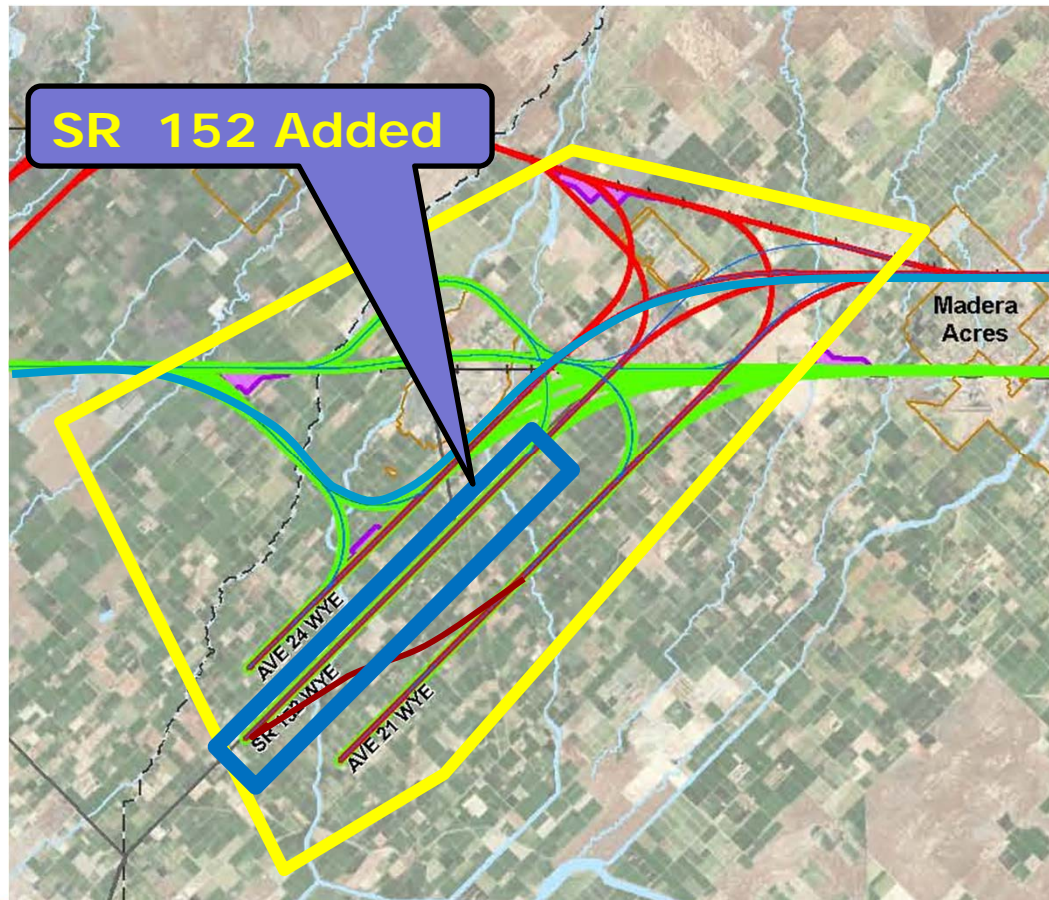
## Recommended ALTERNATIVES to carry forward San Joaquin Valley Subsection

Additional Alternative shown in **BOLD**:

- Henry Miller Road to Avenue 24 Alignment Alternative
- Henry Miller Road to Avenue 21 Alignment Alternative
- Henry Miller Road/SR152/Avenue 21 Alignment Alternative
- **Henry Miller Road to SR 152 Alignment Alternative**

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## Alignments & Wyes to Evaluate San Jose to Merced Draft EIR/EIS



**BNSF (A1)  
Alternative**

**UPRR (A2)  
Alternative**

**Hybrid  
Alternative**

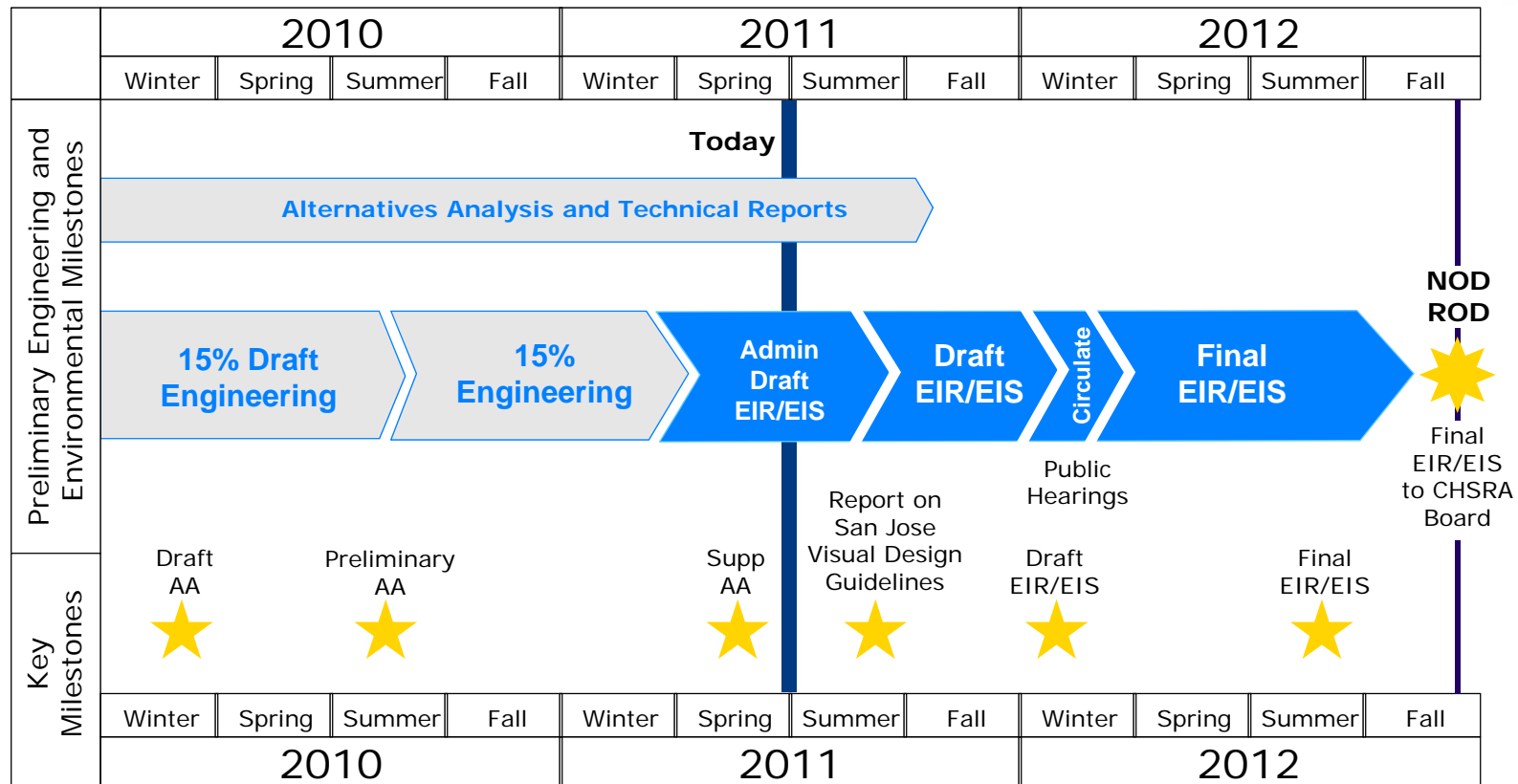
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## Recommendations

- The staff recommends that the SR-152 alignment and Wye configurations described in the Supplemental AA be carried forward and evaluated in the San Jose to Merced Draft High-Speed Train EIS/EIR

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# Next Steps San Jose - Merced Section

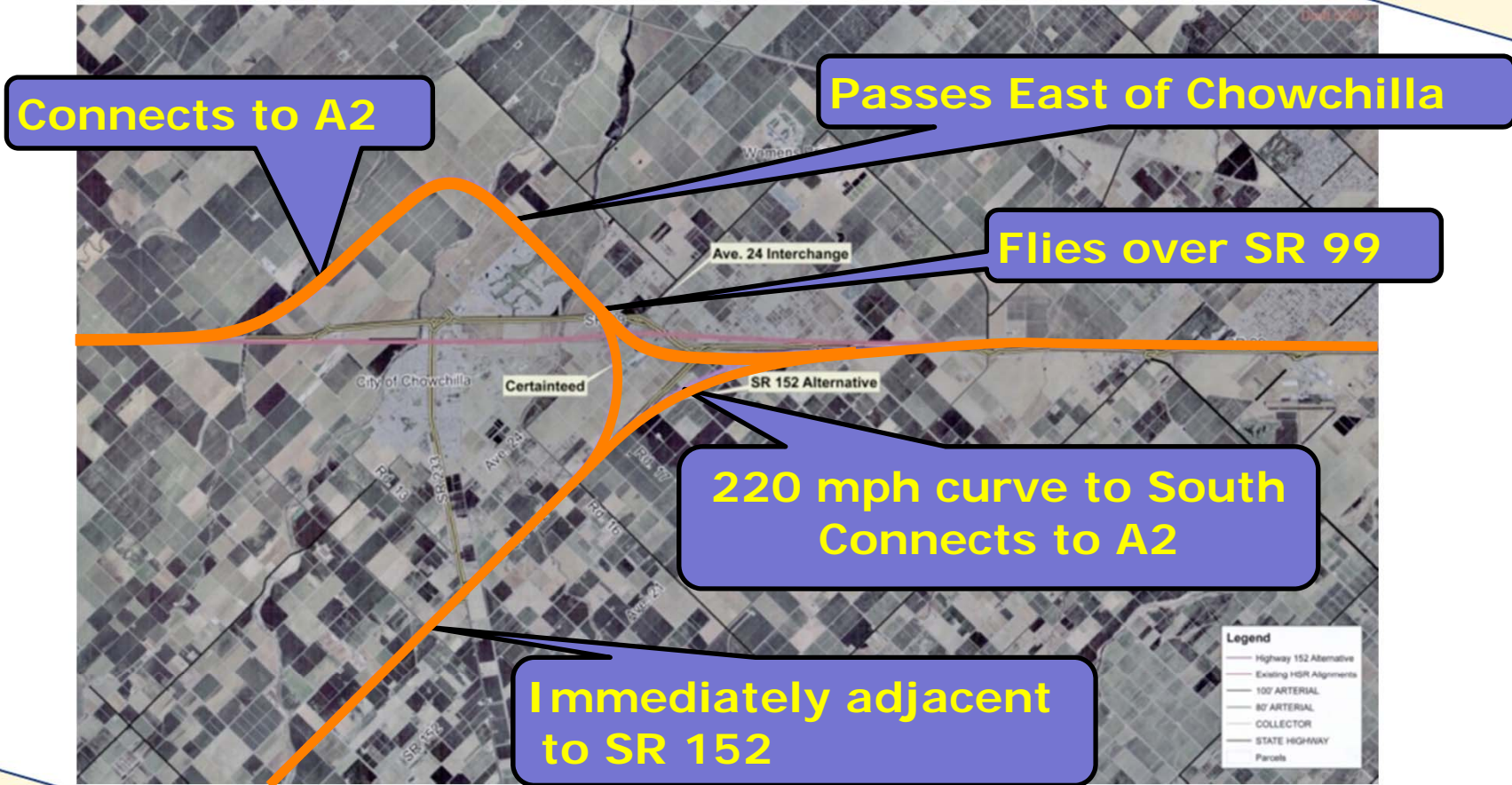


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## POH Recommended HST Alignment

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